

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	("6049531" "20040057425" "20050233744" "20060002355" "20060253530" "7246746" "20040116067" "20040117833" "20060028352" "20060031436" "20060268902" "20070014282" "20070189469" "5572517" "6404861" "6594251" "6788950" "7209481" "20030147404" "20040034797" ).pn.	US-PGPUB; USPAT	OR	ON	2007/09/27 13:26
S2	24572391	@ad<"20030507" @rlad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:02
S3	41	wu-haijun.IN. xu-xiaolin.IN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:58
S4	12528	huawei.AS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:05
S5	2970304	encode encoding code coding encrypt encrypting	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:06
S6	105091	(MAC with address) (device with (id identifier))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:07
S7	248	replace WITH MAC WITH address	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:19

## EAST Search History

S8	11662	(subscription subscriber subscribed) with location with (information data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:10
S9	20537	((709/246) or (709/223) or (709/245) or (375/222) or (375/257) or (707/10)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/27 13:13
S10	0	S9 AND S2 AND S7 AND S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:17
S11	0	S3 AND S2 AND S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:21
S12	235	S8 AND S9 AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:19
S13	6	S4 AND S2 AND S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 07:45
S14	0	S12 AND S7 AND S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:19
S15	0	S8 AND S7 AND S5 AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:22
S16	37321	(subscriber subscribed subscription) with (location locator identifier identification)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:22

## EAST Search History

S17	8	S16 AND S7 AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:23
S18	7	S3 AND (S7 S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:25
S19	3	MACPHERSON-ANDREW.IN. AND S2 AND (S16 S7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 13:30
S21	9	( "20030067927" "6952836" "5835907" "6847704" "7177399" "6041358" "7093286" "7173935" "7197556").pn.	US-PGPUB; USPAT	OR	ON	2007/09/27 13:45
S23	3	"441538".AP.	US-PGPUB; USPAT	OR	ON	2007/09/27 13:48
S24	7	"756969".AP.	US-PGPUB; USPAT	OR	ON	2007/09/27 13:48
S25	1	(US-20040141468-\$.did.	US-PGPUB	OR	ON	2007/09/27 13:49
S26	12	Christensen-Peter-\$.IN.	US-PGPUB	OR	ON	2007/09/27 13:50
S28	1	"handling local administered media access"	IBM_TDB	OR	ON	2007/09/27 14:03
S29	8	S1 AND S2 AND ((S5 AND S6) S7 S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 14:29
S30	548	"metropolitan area network" AND "MAC address" AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:10
S31	40	S30 AND S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:12

## EAST Search History

S32	154	"virtual MAC"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:12
S33	0	S32 AND S16 AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:13
S34	69	S32 AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:13
S35	109	S34 OR S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:14
S36	1186	(replace change modify crop concatenate) WITH MAC WITH address	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:20
S37	4	(S26 S32) AND ((S12 AND S5) S16 S30) AND S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 15:23
S38	24572391	@ad<"20030507" @rlad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 09:06
S39	3	("48-bit" WITH "MAC address") SAME (modify change replace) SAME (subscriber location code) AND S38	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:28

## EAST Search History

S40	4	("48-bit" WITH MAC WITH address) SAME (modify change replace) SAME (subscriber location code) AND S38	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 09:07
S41	45	(encode decode hash) with subscriber with location with (information data code) and S38	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 09:33
S42	86	(encode encoding decode decoding hash hashing) with subscriber with location with (information data code) and S38	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 09:59
S43	15	(US-20050047355-\$ or US-20040151181-\$ or US-20040057425-\$ or US-20030147404-\$ or US-20060031436-\$ or US-20020087726-\$ or US-20040141468-\$).did. or (US-6771673-\$ or US-7209481-\$ or US-7246746-\$ or US-6594251-\$ or US-6049531-\$ or US-6041358-\$ or US-7197556-\$).did. or (NN9304185).tban.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/09/28 09:34
S44	38	S42 AND (packet datagram)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 09:59
S45	2	"6675208".PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 07:13
S46	21145	subscriber same "access device" same port same slot (MAC PVC) same (identifier field bits)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 07:49
S47	20618	((709/246) or (709/223) or (709/245) or (375/222) or (375/257) or (707/10)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/04 07:48

## EAST Search History

S48	614	S46 AND @ad<"20030507" AND S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 07:48
S49	131	subscriber same "access device" same port same slot (MAC PVC) same (identifier field) same bits AND @ad<"20030507" AND S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 07:52
S50	0	(subscriber same "access device" same port same slot (MAC OR PVC) same (identifier OR field) same bits) AND @ad<"20030507" AND S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/10/04 07:53
S51	0	(subscriber same "access device" same port same slot (MAC OR PVC) same (identifier OR field) same bits) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/10/04 07:53
S52	5699	(port slot socket interface) SAME (number id identifier) SAME (router modem "access device") SAME (user customer subscriber subscription subscribed) and @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:10
S53	74	(port slot) SAME ("access device") SAME (subscriber subscription subscribed) and @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:09
S54	943	S52 AND MAC AND (bit bits field fields)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:10
S55	81	(port slot socket interface) SAME (number id identifier) SAME (router modem "access device") SAME (user customer subscriber subscription subscribed) SAME (MAC PVC) SAME (bit field bits fields) and @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:13

## EAST Search History

S56	87	(channel port slot socket interface) SAME (number id identifier) SAME (router modem "access device") SAME (user customer subscriber subscription subscribed) SAME (MAC PVC) SAME (bit field bits fields) and @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:15
S57	91	(channel port slot socket interface) SAME (number id identifier) SAME (router modem "access device") SAME (user customer subscriber subscription subscribed) SAME (MAC PVC) SAME (bit field bits fields digits characters) and @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:15
S58	3	("48-bit" WITH "MAC") SAME (modify change replace) SAME (customer user modem router) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:30
S59	39	("48-bit" WITH (MAC address)) SAME (modify change replace virtual map correspond corresponding mapping generate create generating creating) SAME (customer user modem router) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:32
S61	24292646	("48-bit" SAME (PVC slot socket port interface channel)) AND ("access device" subscriber customer user router modem) @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:36
S62	24292348	("48-bit" SAME (PVC slot socket port interface channel)) SAME ("access device" subscriber customer user router modem) @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:57
S63	8732	S62 and ("virtual LAN" "virtual MAC" (MAC same (replace replacing change changing modify modifies generate map mapping generating)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:45
S64	20645	((709/246) or (709/223) or (709/245) or (375/222) or (375/257) or (707/10)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/09 10:46

## EAST Search History

S65	485	S62 and ("virtual LAN" "virtual MAC" (MAC same (replace replacing change changing modify modifies generate map mapping generating))) AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:46
S66	485	S62 and ("virtual LAN" "virtual MAC" (MAC same (replace replacing change changing modify modifies generate map mapping generating))) AND S64	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/10/09 10:46
S67	117	("48-bit" SAME (PVC slot socket port interface channel)) SAME ("access device" subscriber customer user router modem terminal) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:02
S68	28	((("6-byte" OR "6-octet") SAME (PVC slot socket port interface channel)) SAME ("access device" subscriber customer user router modem terminal) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:57
S69	157	("7-bit" "7-bits") AND ("5-bit" "5-bits") AND MAC AND (PVC slot socket port interface channel subscriber terminal) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:59
S70	0	S69 AND (S67 S68)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 10:59
S71	610	("7-bit" "7-bits" "7 bit" "seven bit" "seven-bit" "seven bits" "seven-bits") AND ("5-bit" "5-bits" "5 bit" "five bit" "five-bit" "five bits" "five-bits") AND MAC AND (PVC slot socket port interface channel subscriber terminal) AND @ad<"20030507"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:01
S72	0	S71 AND (S67 S68)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:01



## EAST Search History

S73	3	("7-bit" "7-bits" "7 bit" "seven bit" "seven-bit" "seven bits" "seven-bits") AND ("5-bit" "5-bits" "5 bit" "five bit" "five-bit" "five bits" "five-bits") AND (S67 S68)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:01
S74	31	((("48-bit" "48 bit" "48 bits" "48-bits") SAME (PVC slot socket port interface channel card)) SAME ("access device" subscriber customer user router modem terminal) AND @ad<"20030507" AND ("7-bit" "7-bits" "7 bit" "seven bit" "seven-bit" "seven bits" "seven-bits") AND ("5-bit" "5-bits" "5 bit" "five bit" "five-bit" "five bits" "five-bits"))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:03